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Jameco Part Number 222981 (747916-4)

DRAWING MADE IN THIRD ANGLE PROJECTION

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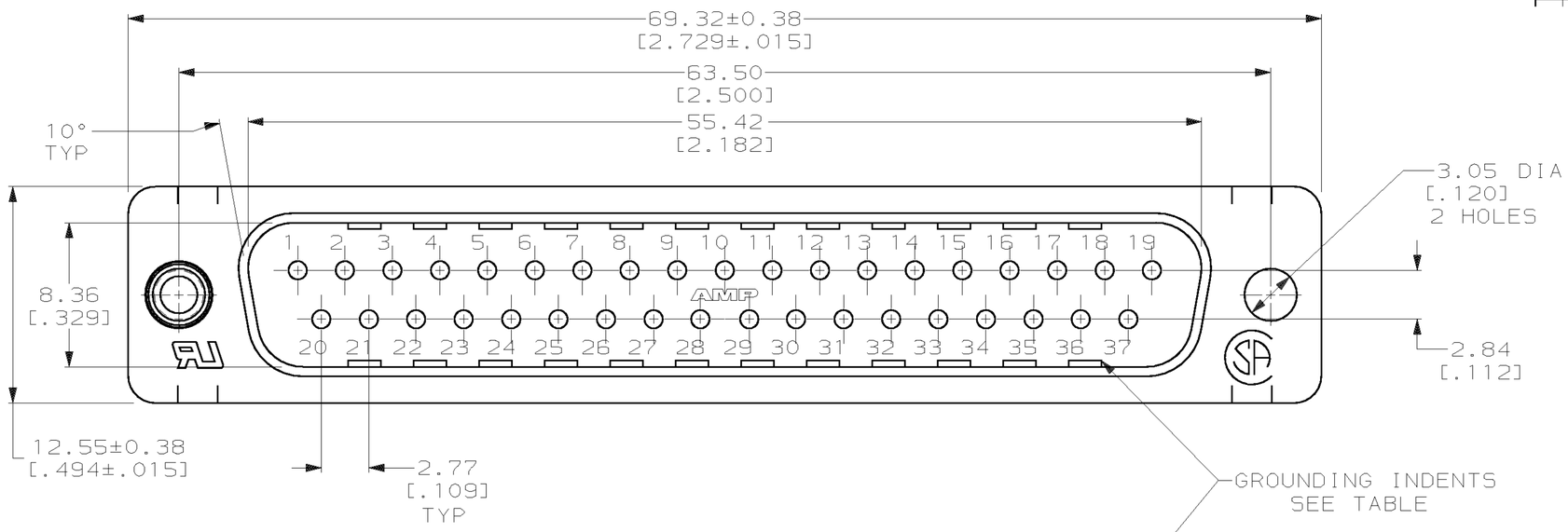
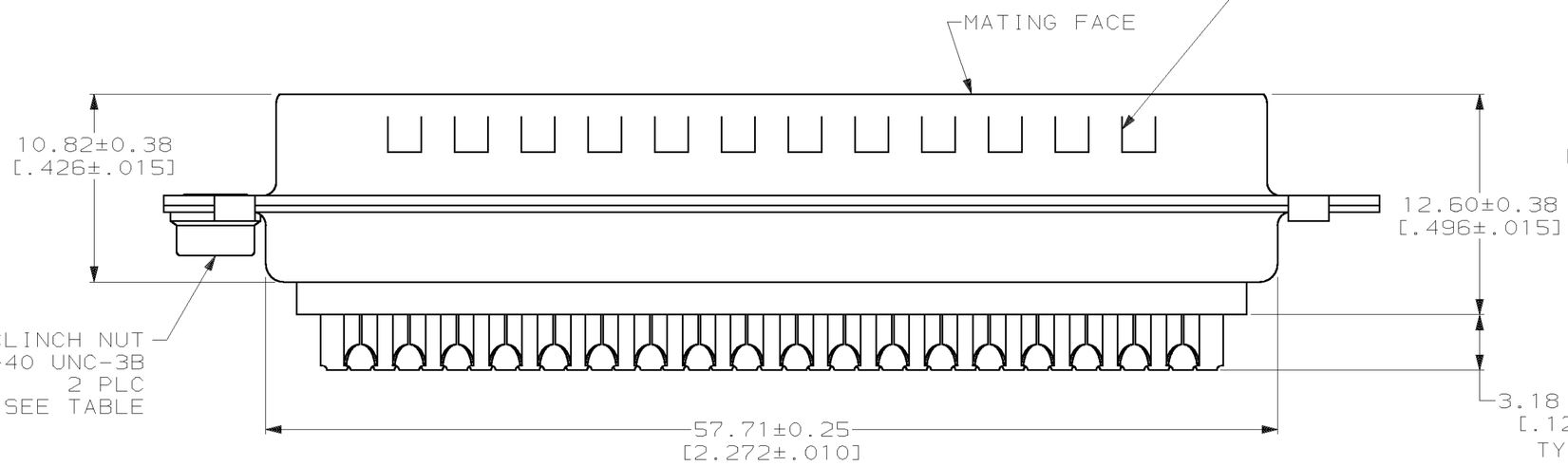
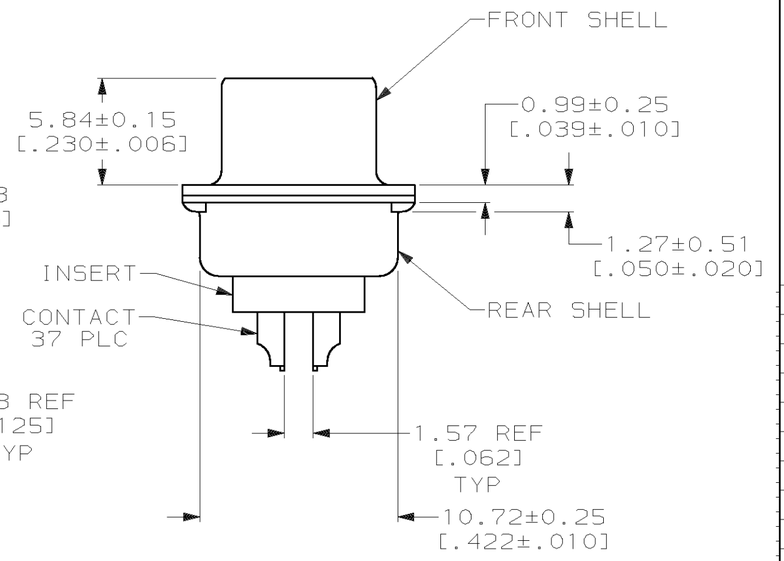
LOC	DIST	P	F
AD	0		

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPD
	J	REV PER 0G3C-0076-02	25MAR02	JO







747916

1. PLUG ASSEMBLY MATES WITH ANY 37 POSITION RECEPTACLE IN AMPLIMITE® SERIES.
2. SOLDER CUP WILL ACCOMMODATE 20 MAX AWG WIRE.
3. FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED NYLON OR POLYESTER, BLACK.
4. PHOSPHOR BRONZE PER QQ-B-750.
5. CARBON STEEL PER ASTM A109.
6. TIN PLATING PER MIL-T-10727; GOLD PLATING PER MIL-G-45204; NICKEL PLATING PER QQ-N-290; ZINC PLATING PER ASTM B633, TYPE II, CLASS SC1, YELLOW CHROMATE.
7. 5.08µm [.000200] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
8. 5.08µm [.000200] MIN ZINC PLATED.
9. 0.025µm [.000001] MIN GOLD ON MATING END FOR A LENGTH OF 3.81 [.150] MIN, 3.81µm [.000150] MIN TIN-LEAD FOR A LENGTH OF 3.18 [.125] MIN FROM OPPOSITE END, BOTH OVER 0.76µm [.000030] MIN NICKEL.
10. 0.76µm [.000030] MIN GOLD ON MATING END FOR A LENGTH OF 3.81 [.150] MIN, 3.81µm [.000150] MIN TIN-LEAD FOR A LENGTH OF 3.18 [.125] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.

CLINCH NUTS	GROUNDING INDENTS	CONTACTS	SHELLS	PART NO
YES	YES	9	7	747916-6
–	YES	10	7	747916-5
NO	NO	9	8	747916-4
NO	YES	9	7	747916-2

DO NOT SCALE PRINT.
UNLESS SPECIFIED
DIMENSIONS IN mm [INCHES]
TOLERANCES ON :
2 PLC DEC ± 0.13 [.005]
3 PLC DEC ± –
ANGLES ± 2°

MATERIAL
INSERT: 3
CONTACTS: 4
SHELLS & CLINCH NUTS: 5

FINISH 6
CONTACTS: SEE TABLE
SHELLS: SEE TABLE
CLINCH NUTS: ZINC PLATED

DR 10-3-89 C RICHARD
CHK 10-3-89 R STONE
APPD 10-3-89 L BREKOSKY
APPD 10-3-89 J SHOWERS
PRODUCT SPEC 108-40031
APPLICATION SPEC –
WEIGHT –

AMP INCORPORATED
Harrisburg, Pa. 17105

NAME
PLUG ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSITION AMPLIMITE® HD-20

SIZE	CAGE CODE	DRAWING NO
C	00779	747916

SCALE 4:1 SHEET 1 OF 1

CUSTOMER DRAWING